



EASINGTON RURAL DISTRICT

REPORT

OF THE

MEDICAL OFFICER  
OF HEALTH

FOR THE

YEAR ENDING 31st DECEMBER, 1967



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EASINGTON RURAL DISTRICT

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**REPORT  
OF THE  
MEDICAL OFFICER  
OF HEALTH  
FOR THE  
YEAR ENDING 31st DECEMBER, 1967**



## EASINGTON RURAL DISTRICT COUNCIL.

---

*Chairman:*

COUNCILLOR W. R. GOWLAND, J.P.

*Vice-Chairman:*

COUNCILLOR M. PATTISON

**COUNCILLORS:**

COUN. W. ARMSTRONG

„ MRS. C. BANKS  
„ A. BARKER  
„ J. W. BEACH  
„ J. L. BELL  
„ A. BLEEK  
„ MRS. B. BOYD  
„ J. BRIDGES  
„ C. H. BROWN  
„ M. W. BROWN  
„ P. BROXSON  
„ A. T. BRYCE  
„ A. CARLING  
„ W. C. CARTER  
„ A. E. DALLEN  
„ H. DAVIES  
„ J. B. DAVISON  
„ R. DUNN  
„ T. FERGUSON  
„ A. FOSTER  
„ MRS. M. E. FOSTER  
„ J. H. GRAY  
„ T. H. HALL  
„ J. HARPER

COUN. MRS. E. HODGEN

„ R. HUGHES  
„ MRS. G. M. INNES  
„ MRS. J. JOBSON  
„ M. B. KIRKUP  
„ F. LONG  
„ W. MALT  
„ T. METCALF  
„ J. McCALLUM  
„ MRS. I. McMANNERS, J.P.  
„ W. MURPHY  
„ MRS. A. NAISBITT  
„ J. NICHOLSON  
„ J. G. H. RACKSTRAW  
„ F. V. ROGERS  
„ R. J. SCOTT  
„ C. F. SHORT  
„ W. H. TATE  
„ R. J. TODD  
„ F. A. WALKER  
„ T. W. WATSON  
„ M. WEETMAN  
„ A. D. WHARRIER  
„ E. WILDING, J.P.  
„ F. W. WOODS

*Clerk:*

D. C. KELLY, LL.B.(Lond.), L.A.M.T.P.I.

*Treasurer, Accountant and Chief Rating Officer:*

T. ROBINSON, A.I.A.C., A.C.A.

*Engineer and Surveyor:*

R. R. LUMSDEN, Dip.M.Eng.

*Cleansing Superintendent:*

D. WARD, M.Inst.P.C.

**STAFF**  
(as at 31st December, 1967)

*Medical Officer of Health and  
District Principal School Medical Officer:*  
J. W. A. RODGERS, M.B., B.Ch., D.P.H.

*Assistant Medical Officers:*  
G. L. ANDERSON, M.B., B.S.  
M. ANDERSON, M.B., B.S. (Mrs.)

*School Dental Officer:*  
E. I. S. MAKEPEACE, L.D.S. (Mrs.)  
(TWO VACANCIES)

*School Oculists: (Part-time)*  
J. FRANKENTHAL, L.R.C.P., L.R.C.S., D.O.  
C. J. SHARP, M.D., Ch.B., D.O.

*Senior Public Health Inspector:*  
R. E. V. WARRAND, M.A.P.H.I., M.R.S.H.

*Public Health Inspectors:*  
J. R. DAY, Cert.P.H.I.B., Cert. M. & O. Foods  
P. F. JONES, Cert. P.H.I.B., Cert. M. & O. Foods  
D. CARRUTHERS, Cert. P.H.I.B., Cert. M. & O. Foods  
I. C. WATSON, Cert. M.R.S.A.S., Cert. M. & O. Foods  
N. S. MOHON, M.A.P.H.I., Cert. M. & O. Foods  
J. K. WALLS, M.A.P.H.I., Cert. M. & O. Foods

*Public Health Assistant:*  
J. HARPER

*Pupil Public Health Inspector:*  
C. JOHNSTON

*Rodent Officer:*  
C. S. WHITE

*Rodent Operatives:*  
W. MILLS  
G. D. TURNER

*Mortuary Attendant:*  
J. SCOTT

*District Chief Nursing Officer:*

MISS A. HOWARTH, S.R.N., S.C.M., Q.N., H.V. Cert.

*Health Visitors:*

MISS M. BEATY, S.R.N., S.C.M., H.V. Cert.  
 MISS K. A. GARRIGAN, S.R.N., S.C.M., H.V. Cert.  
 MISS D. HEWISON, S.R.N., S.C.M., H.V. Cert.  
 MISS E. HONOUR, S.R.N., S.C.M., H.V. Cert.  
 MRS. C. LANDERS, S.R.N., R.S.C.N., H.V. Cert.  
 MISS D. LISTER, S.R.N., S.C.M., Q.N., H.V. Cert.  
 MRS. M. A. MEECHIN, S.R.N., S.C.M., Q.N., H.V. Cert.  
 MRS. D. E. MITCHELL, S.R.N., R.S.C.N., H.V. Cert.  
 MISS I. MORTIMER, S.R.N., S.C.M., H.V. Cert.  
 MISS A. SIMPSON, S.R.N., S.C.M., Q.N., H.V. Cert.

*District Midwives:*

MISS E. BEANEY, S.R.N., S.C.M., Q.N.  
 MISS M. DALLEN, S.C.M.  
 MRS. M. DIXON, S.R.N., S.C.M.  
 MISS G. L. HAILES, S.R.N., S.C.M.  
 MRS. R. HALL, S.C.M.  
 MRS. H. MARTIN, S.R.N., S.C.M.  
 MISS J. ORD, S.E.N., S.C.M.

*District Nurses:*

MISS E. M. BUCHANAN, S.R.N., S.C.M., Q.N.  
 MRS. J. COWAN, S.R.N., N.D.N. Cert.  
 MISS D. CROOKS, S.R.N., S.C.M., N.D.N. Cert.  
 MRS. M. A. ELTRINGHAM, S.R.N., S.C.M., N.D.N. Cert.  
 MRS. M. A. JAMIESON, S.R.N., Q.N.  
 MRS. A. PATTISON, S.R.N.  
 MRS. F. N. SAUNDERS, S.R.N., Part 1 Mid. Cert., N.D.N.  
     Cert.  
 MRS. E. M. SKELTON, S.R.N., R.S.C.M., N.D.N. Cert.  
 MRS. E. M. SMITH, S.R.N., S.C.M.  
 MISS A. P. STONEY, S.R.N., Q.N.  
 MRS. D. UNSWORTH, S.R.N.

*Student Health Visitors:*

MISS E. DUTTON JONES, S.R.N., S.C.M.  
 MRS. E. F. PENRITH, S.R.N.  
 MRS. J. TERRINGTON, S.R.N.

*School Nurses:*

MRS. M. K. BLAKE, S.R.N., R.M.N.  
 MRS. A. FARNWORTH, S.R.N., Q.N.  
 MRS. K. HACKWORTH, S.R.N., Ophthal. Cert.

*Mental Welfare Officers:*

A. S. SMITH  
 R. HOUGHTON  
 H. JOHNSON

*Home Teachers for the Blind:*

MISS I. FOGGIN  
 MISS E. KELLETT (part-time)

*Junior Training Centre Supervisor:*

MRS. I. GLEN, Dip. N.A.M.H.

*Adult Training Centre Superintendent:*

MR. D. JACKSON

*Deputy Superintendent:*

MRS. R. WALTON

*Assistant Supervisors:*

MRS. C. WOOD, Dip. N.A.M.H.  
 MISS J. BRIGGS, Dip. N.A.M.H.

*Trainee Assistant Supervisors:*

MISS M. J. CARTER  
 MRS. A. TONKS  
 MISS K. FORD

*Craft Instructors:*

W. G. BEDINGFIELD  
 W. J. GEDDES

*Domestic Help Service Organisers:*

MRS. L. TRUDGILL  
 MISS J. BARRAS

*Chiropodists:*

MR. G. R. RAWLINGS, L.Ch., S.R.Ch.  
 MISS J. A. RICHARDSON

*School Dental Surgery Assistants:*

MRS. J. MARTIN  
 MRS. C. S. SMART  
 MRS. E. WINNARD

**ADMINISTRATIVE AND CLERICAL STAFF :***Chief Clerk:***J. BRANTHWAITE***Senior Clerk:***K. ARMSTRONG***Clerical Assistants:*

H. HESLOP  
R. WATSON  
MISS L. NASH  
MISS M. MITCHISON  
MISS A. HARDCASTLE  
MISS O. BLACKWELL  
MRS. D. J. de LANGEN  
MRS. O. HOGG  
MISS M. SHAW  
D. HINDSON  
MISS J. A. PALLISTER  
MRS. M. CHAPMAN  
MISS I. COUCH  
MISS J. M. BURNHAM  
MISS A. HODGKISS  
MISS I. LIDDELL

*Travelling Clerks:*

MRS. O. WOOLARD  
MRS. L. COWLEY



# EASINGTON RURAL DISTRICT

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## REPORT

OF THE

### Medical Officer of Health

FOR THE

Year Ended 31st December, 1967

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*Telephone*—Easington 501

EASINGTON,  
PETERLEE,  
Co. DURHAM,  
1968.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1967.

The work accomplished during the year is described in the various sections of the report. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and contributions from the Engineer and Surveyor and the Cleansing Superintendent are also included. This introductory letter summarises briefly the contents of the report as a whole and draws attention to any points of special interest.

## VITAL STATISTICS

Under this heading figures or rates are given to enable comparison to be made between the health of the inhabitants of the district over recent years and the health of the country as a whole. They include the birth rate, the general death rate, infant mortality rate and the maternal mortality rate.

### BIRTH RATE

The district rate of 17.67 per 1,000 of the population showed a slight decrease on the figure of 17.93 for 1966. It remained fractionally higher than the rate of 17.2 for England and Wales as a whole which itself was a decrease on the previous year.

### GENERAL DEATH RATE

The general death rate of 11.09 per 1,000 of the estimated resident population decreased on the 1966 figure of 11.45. The rate for England and Wales, 11.2, was also lower than that of 11.7 for 1966.

### INFANT MORTALITY RATE

The rate of 28.22 per 1,000 live births showed a substantial increase on that of 22.67 for the previous year. The 1967 rate for England and Wales, 18.3, was the lowest ever national figure.

There were 43 deaths in infants under one year and of these 27 occurred in the first four weeks of life, giving a neonatal mortality rate of 17.72 per 1,000 live births as compared with the 1966 figure of 16.19. In 13 of these, prematurity was given as the primary cause of death and in six as contributory. The rate for England and Wales for 1967 was 12.5.

### MATERNAL MORTALITY

There was one maternal death in the district during the year, giving a maternal mortality rate of 0.65 per 1,000 live and still births. The rate for England and Wales was 0.20.

In compiling these statistics for births and deaths, the actual number of live births (1,524) and the total deaths in the district (956) have been calculated. The standardised rates may be obtained by multiplying these two rates by the Registrar General's comparability factors of 0.94 in the case of births and 1.33 in the case of deaths.

## INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 328 deaths, 27 more than in 1966 and representing 34.3% of the total deaths in the district. Cancer caused 167 deaths (17.5%) compared with 175 (17.7%) the previous year. In third place diseases of the veins and arteries of the brain were responsible for 151 deaths (15.8%) against 138 (14%) in 1966. Fourth place in the list is occupied by bronchitis and pneumonia which caused 113 deaths (11.9%) a decrease of 45 on the figure of 158 (16%) for 1966. These four causes, therefore, accounted for almost 80% of the total deaths.

## INFECTIOUS DISEASES

Notifications of these diseases are set out in table 7 which also gives the final figures after correction. Apart from measles notifications numbering 594, the area generally was quiet throughout the year.

## TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section III.

The Newcastle Regional Hospital Board's Mass Radiography Unit visited Blackhall for five days between 20th and 24th February, and in October there were public sessions at Dalton-le-Dale, one day, Murton, three days, Shotton Colliery, two days and Wingate, three days. A visit to Horden late in the year provided five days of sessions for the public between 18th and 22nd December.

Individual and small group X-ray is also available at the General Hospital, Chester Road, Sunderland, the Static Unit, 35 Grange Road, Middlesbrough and the Mass X-ray Unit, Dryburn Hospital, Durham. Particulars of dates and times for these services may be obtained from the Health Department, Easington.

## HEALTH AND WELFARE FUNCTIONS

Details of the working of the various services during the year are to be found in Section IV. Particulars relating to the work undertaken at treatment centres and clinics and the activities of the domiciliary midwifery, home nursing and health visiting services are given. Also included are statistical and general details of vaccination and immunisation, prevention of illness, care and after-care, chiropody, domestic help, mental health, blind welfare and handicapped persons.

## SCHOOL HEALTH SERVICE

Details of the working of the School Health Service will be found in Section V.

## WATER

Piped water supply in the district was sampled weekly during the year. All 53 samples submitted to bacteriological examination were reported as satisfactory. Further details of the district's water supply are given in Section VI.

## LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice cream, water and milk and occasional samples of meat and other edible products were submitted during the year. 173 faecal specimens from patients known or suspected to be suffering from dysentery or food poisoning were sent for examination and report and the laboratory also checked 166 specimens in respect of food-handling employees of the Council.

## SANITARY CONDITIONS OF THE AREA

This is perhaps the most appropriate heading under which to record a reduction in the acreage of the rural district, which for the past 30 years has remained at 34,653. Under the Sunderland Order 1967, 5.569 acres from the Burdon parish were ceded to Sunderland County Borough during the year under review. The amended "round figure" acreage of this district is now 34,647.

Comments and tables to be found in Section VI dealing with the environmental services contain much information of importance and interest. They are contributed by the Senior Public Health Inspector, the Engineer and Surveyor and the Cleansing Superintendent.

## STAFF

There were several staff changes during the year. Details of the department's complement at 31st December, 1967, are given in the pages preceding this introductory letter.

## CONCLUSION

The vital statistics in the following pages will show that there was little variation in the general health of the district's population from that of the previous year.

I am again grateful to the Chairman of the Health Committee and to the members and officials of the Council for their co-operation. My thanks and appreciation are also due to the entire Health Department Staff for their loyal and willing assistance during another active year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. W. A. RODGERS,

Medical Officer of Health.



## SECTION I.

### CONDITIONS OF THE AREA

---

Area (in acres) .. . . . .	34,647
Registrar General's estimate of resident population year, 1967 .. . . . .	86,230
Number of Hereditaments on 31st December, 1967 according to the rate books .. . . . .	33,521
Rateable Value (at 1st April, 1968) .. . . . .	£2,048,772
Sum represented by Penny Rate (1967-68) .. . . . .	£7,940

### VITAL STATISTICS

#### Births :—Live Births.

	Male	Female	Total
Legitimate	751	688	1439
Illegitimate	43	42	85
	<hr/>	<hr/>	<hr/>
	794	730	1524
	<hr/>	<hr/>	<hr/>

Birth Rate per 1,000 of the estimated resident population .. . . . .	17·67
---	-------

Illegitimate Live Births per cent of Total Live Births	5·58
--	------

#### Still Births :—

Legitimate	8	14	22
Illegitimate	1	2	3
	<hr/>	<hr/>	<hr/>
	9	16	25
	<hr/>	<hr/>	<hr/>

Rate per 1,000 total live and still births .. . . . .	16·14
---	-------

#### Total Live and Still Births :—

803	746	1549
-----	-----	------

#### Infant Mortality :—

##### Deaths of infants under 1 year :

Legitimate	19	20	39
Illegitimate	3	1	4
	<hr/>	<hr/>	<hr/>
	22	21	43
	<hr/>	<hr/>	<hr/>

### Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 32·22.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 27·10.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 47·06.

### Neonatal Mortality

Deaths of infants under 4 weeks:

	Male	Female	Total
Legitimate	9	14	23
Illegitimate	3	1	4
	—	—	—
	12	15	27
	—	—	—
Death rate per 1,000 live births	..	..	17·72

### Early Neonatal Mortality

Deaths of infants under 1 week :

Legitimate	9	10	19
Illegitimate	3	—	3
	—	—	—
	12	10	22
	—	—	—
Death rate per 1,000 live births	..	..	14·44

**Perinatal Mortality Rate** .. .. .. .. .. 30·34

### Maternal Deaths

Deaths from Puerperal Causes—

from Sepsis	..	..	Nil.
from Other Causes	..	..	1
	—	—	—
Total	..	..	1

Maternal Mortality Rate .. .. .. .. .. 0·65

**Total Deaths (all ages)** 523 433 956

Death rate per 1,000 of the estimated resident population .. .. .. .. .. 11·09

TABLE I.  
DEATHS—CAUSES AND AGES AT DEATH.

TABLE 2.

**Cancer.**

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

	Ages in Years					Totals
	1 to 24	25 to 44	45 to 64	65 to 74	75 up	
Stomach .. ..	—	1	12	9	8	30
Lung & Bronchus	—	4	18	21	2	45
Breast .. ..	—	1	6	4	2	13
Uterus .. ..	—	—	1	2	—	3
Other Causes ..	2	4	26	24	20	76
	2	10	63	60	32	167

TABLE 3.

## Table of Birth and Death Rates for the past 10 years

Year	General Death Rate	Infant Death Rate	Birth Rate
1958	10.5	26.3	20.1
1959	10.0	28.1	19.1
1960	10.8	28.3	19.3
1961	10.4	21.9	19.7
1962	11.1	26.6	20.5
1963	10.3	28.8	19.7
1964	10.4	24.4	19.1
1965	11.2	21.8	19.2
1966	11.4	22.7	17.9
1967	11.1	28.2	17.7

1967	General Death Rate	Infant Death Rate	Birth Rate
England & Wales	11.2	18.3	17.2
Easington Rural District	11.1	28.2	17.7

TABLE 4.  
Infant Mortality Rates  
(10 years)

Year	Births	Easington R. D. Inf. Mortality Rate	England & Wales Inf. Mortality Rate
1958	1708	26.3	22.6
1959	1639	28.1	22.2
1960	1663	28.3	21.9
1961	1689	21.9	21.6
1962	1768	26.6	21.6
1963	1699	28.8	21.1
1964	1637	24.4	20.0
1965	1647	21.8	19.0
1966	1544	22.7	18.9
1967	1524	28.2	18.3

TABLE 5.  
Death Rates (10 years)

Year	Deaths	Easington R. D. Death Rate	England & Wales Death Rate
1958	891	10.5	11.7
1959	863	10.0	11.6
1960	937	10.8	11.5
1961	891	10.4	11.9
1962	957	11.1	11.9
1963	888	10.3	12.2
1964	890	10.4	11.3
1965	956	11.1	11.5
1966	986	11.4	11.7
1967	956	11.1	11.2

TABLE 6.  
Natural Increase of Population

Year	Births	Deaths	Rate of Natural Increase per 1,000 population.
1958	1708	891	9.6
1959	1639	863	9.0
1960	1663	937	8.4
1961	1689	891	9.3
1962	1768	957	9.4
1963	1699	888	9.4
1964	1637	890	8.7
1965	1647	956	8.1
1966	1544	986	6.5
1967	1524	956	6.6

## SUMMARY OF STATISTICS, 1967

Population	..	..	..	..	..	..	86,230
Area (acres)	..	..	..	..	..	..	34,647
Estimated number of Hereditaments					..	..	33,521
Rateable Value (at 1st April, 1968)	..	..	..	..	..	£	2,048,772
Sum produced by Penny Rate (1967-68)	..	..	..	..	..	£	7,940
Births	..	..	..	..	..	..	1,524
Birth rate per 1,000 of the estimated resident population							17.7
Deaths	..	..	..	..	..	..	956
Death rate per 1,000 of the estimated resident population							11.09
Death rate of infants under one year of age					..		28.22

## CHIEF CAUSES OF DEATH

Cause	Number	Percentage of total deaths
Diseases of the heart	328	34.31
Cancer	167	17.47
Bronchitis and pneumonia	113	11.82
Diseases of the veins and arteries of the brain	151	15.79

## INFECTIOUS DISEASES

Diseases	Cases notified
Measles	594
Whooping Cough	74
Scarlet Fever	26
Tuberculosis (all forms) new cases	25
Dysentery	8
Food Poisoning	2
Erysipelas	3
Acute Pneumonia	8
Puerperal Pyrexia	9

## SECTION II.

## INFECTIOUS AND OTHER NOTIFIABLE DISEASES, 1967

TABLE 7

Numbers Originally Notified TOTAL (ALL AGES) ..	SOARLET FEVER		WHOOPING COUGH		MEASLES		DYSENTERY		MENINGOCOCCAL INFECTION		ACUTE POLIOMYELITIS				DIPHTHERIA	
											PARALYTIC		NON-PARALYTIC			
	M 11	F 15	M 35	F 39	M 283	F 311	M 6	F 2	M —	F —	M —	F —	M —	F —	M —	F —
Final Numbers after Correction																
Under 1 year .. ..	—	—	4	2	9	19	1	—	—	—	—	—	—	—	—	—
1 year .. ..	—	1	5	6	40	41	1	—	—	—	—	—	—	—	—	—
2 years .. ..	—	2	5	5	36	53	1	—	—	—	—	—	—	—	—	—
3 years .. ..	1	2	7	2	50	53	1	—	—	—	—	—	—	—	—	—
4 years .. ..	—	1	5	3	50	41	—	—	—	—	—	—	—	—	—	—
5 — 9 years .. ..	6	9	8	19	95	99	2	2	—	—	—	—	—	—	—	—
10 — 14 years .. ..	3	—	1	2	1	4	—	—	—	—	—	—	—	—	—	—
15 — 24 years .. ..	1	—	—	—	2	1	—	—	—	—	—	—	—	—	—	—
25 and OVER .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL (ALL AGES) ..	11	15	35	39	283	311	6	2	—	—	—	—	—	—	—	—

Numbers Originally Notified TOTAL (ALL AGES) ..	ACUTE PNEUMONIA		ACUTE ENCEPHALITIS				TYPHOID FEVER	PARATYPHOID FEVER	ERYSIPelas	FOOD POISONING	SMALLPOX					
			INJECTIVE		POST-INFECTIONOUS											
	M 5	F 3	M —	F —	M —	F —					M 2	F 1	M —	F 2	M —	F —
Final Numbers after Correction																
Under 5 years .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
5 — 14 years .. ..	2	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
15 — 44 years .. ..	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45 — 64 years .. ..	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65 and Over .. ..	1	1	—	—	—	—	—	—	—	—	—	1	1	—	—	—
TOTAL (ALL AGES) ..	5	3	—	—	—	—	—	—	—	—	2	1	—	1	—	—

Numbers Originally Notified TOTAL (ALL AGES) ..	TUBERCULOSIS						OTHER NOTIFIABLE DISEASES							
	Respiratory		Other		Meninges and C.N.S.									
	M 13	F 10	M 2	F —	M —	F —								
Final Numbers after Correction							Total of New Cases coming to the knowledge of Medical Officer of Health otherwise than by formal notification							
Under 1 year .. ..	—	—	—	—	—	—	M							
1 year .. ..	1	—	—	—	—	—		—	—					
2 — 4 years .. ..	—	—	—	—	—	—								
5 — 9 years .. ..	—	—	—	—	—	—								
10 — 14 years .. ..	—	—	—	—	—	—								
15 — 19 years .. ..	—	—	—	—	—	—								
20 — 24 years .. ..	—	—	—	—	—	—								
25 — 34 years .. ..	1	2	1	—	—	—								
35 — 44 years .. ..	3	2	—	—	—	—								
45 — 54 years .. ..	3	3	—	—	—	—								
55 — 64 years .. ..	2	1	1	—	—	—								
65 — 74 years .. ..	3	1	—	—	—	—								
75 and over .. ..	—	1	—	—	—	—								
TOTAL (ALL AGES) ..	13	10	2	—	—	—	Original	Final						
	M	F	M	F	M	F	M	F						
	PUERPERAL PYREXIA						—	9	—	9				
	OPHTHALMIA NEONATORUM						—	—	—	—				
	ANTHRAX						—	—	—	—				



## INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were 26 cases of scarlet fever notified during the year as compared with 23 in 1966.

Whooping cough notifications numbered 74 against 32 the previous year.

The district was free from poliomyelitis during 1967.

Measles notifications totalled 594 compared with 1,074 in 1966.

For the twelfth successive year there were no cases of diphtheria in the district.

Eight notifications of dysentery were received and these were confirmed on bacteriological examination. There were four confirmed cases of this disease in 1966.

No cases of meningococcal infection were notified during the year.

Eight notifications of acute pneumonia were received, as against four in 1966.

Two cases of food poisoning were notified, one of which was confirmed on bacteriological examination.

**SECTION III.**  
**TUBERCULOSIS**

TABLE 8.

Number of Cases on Register at 31st December, 1967.

PULMONARY			NON-PULMONARY			TOTAL CASES	
Male	Female	Total	Male	Female	Total		
277	225	502	155	147	302		804

TABLE 9.

## New Cases and Mortality, 1967

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 years	1	—	—	—	—	—	—	—
5 — 14 years	—	—	—	—	—	—	—	—
15 — 24 years	—	—	—	—	1	—	—	—
25 — 44 years	4	4	1	—	—	1	—	—
45 — 64 years	5	4	1	—	1	2	—	—
65 and over	3	2	—	—	2	2	1	—
	13	10	2	—	4	5	1	—

TABLE 10

## COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	NEW CASES						DEATHS						No. ON REGISTER AT END OF YEAR					
	Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1958	22	14	36	2	1	3	6	1	7	—	—	—	323	279	602	160	147	307
1959	20	9	29	—	—	—	8	2	10	1	—	1	324	264	588	155	146	301
1960	17	15	32	2	1	3	8	1	9	—	1	1	317	252	569	155	146	301
1961	22	16	38	1	2	3	6	2	8	1	—	1	322	264	586	156	145	301
1962	13	11	24	3	2	5	5	—	5	—	—	—	305	253	558	155	145	300
1963	15	12	27	1	3	4	8	1	9	—	—	—	304	258	562	154	143	297
1964	16	6	22	3	1	4	7	1	8	—	—	—	285	245	530	157	144	301
1965	9	7	16	1	3	4	6	1	7	—	—	—	283	241	524	157	146	303
1966	10	5	15	—	3	3	8	2	10	2	—	2	274	230	504	154	147	301
1967	13	10	23	2	—	2	4	5	9	1	—	1	277	225	502	155	147	302

TABLE 11

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

YEAR	PULMONARY			NON-PULMONARY		
	Male	Female	Total	Male	Female	Total
1963	8 (5)	1 (1)	9 (6)	—	—	—
1964	7 (7)	1 (1)	8 (8)	—	—	—
1965	6 (5)	1 (1)	7 (6)	—	—	—
1966	8 (4)	2 (2)	10 (6)	2 (1)	—	2 (1)
1967	4 (3)	5 (4)	9 (7)	1 (-)	—	1 (-)
Totals	33 (24)	10 (9)	43 (33)	3 (1)	—	3 (1)

## TUBERCULOSIS

The foregoing tables may be summarised as follows:—

Twenty-three new cases of the respiratory form of the disease were notified during the year, comprising 13 males and 10 females. This was an increase of eight on the figure of 15 for 1966, made up of 10 males and five females. There were two new notifications of the non-respiratory form during the year, both male.

Deaths from the respiratory form decreased from 10 in 1966 to nine, four males and five females. There was one non-respiratory death, a male.

The district mortality rate for respiratory tuberculosis was 0.104 per one thousand of the population compared with the figure of 0.037 for England and Wales as a whole. The non-respiratory rate for the district was 0.001 and the national rate 0.005.

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## SECTION IV.

### **NATIONAL HEALTH SERVICE ACT, 1946**

#### **HEALTH AND WELFARE**

##### **HEALTH CENTRES:—**

The Health Centre at Peterlee continues to operate satisfactorily. The four suites used by the general practitioners are shared by eight partnerships.

Also available at the Health Centre are:—Child Welfare, Immunisation and Vaccination, Artificial Sunlight, Family Planning, Chiropody, Cervical Cytology, School Clinic, Dental, Speech Therapy Child Guidance and Ophthalmic services.

##### **CARE OF MOTHERS AND YOUNG CHILDREN:—**

###### **MATERNITY AND CHILD WELFARE CENTRES**

The number of centres in operation remains at 10, 8 of which are held in premises owned by the Council, and two in premises on a rental basis. The total number of attendances in 1967 was 18,320 made by 3,543 children, compared to 16,407 and 3,362 children in 1966. Table 12 gives details.

###### **ANTE-NATAL CLINICS**

No ante-natal clinics were held in the district during 1967.

###### **HEALTH EDUCATION AND RELAXATION CLASSES**

Classes were held at two centres during the year. Instructions in exercises, talks on pregnancy, labour and baby care were given by Health Visitors and Midwives to expectant mothers. These talks were illustrated by the use of film strips and films.

A total of 68 expectant mothers took part and made 339 attendances, compared with 90 expectant mothers and 292 attendances in 1966.

TABLE 12

Attendances at Child Welfare Centres during year ended 31st December, 1967.

	No. on books 31.12.67	Attendances		Consultations			
		Number	Average per session	Number	Average per session		
CENTRES							
		Children	Children	Children	Children	Children	Children
BLACKHALL	..	64	40	61	—	626	106
EASINGTON	..	97	114	129	—	1492	352
HORDEN	..	119	121	220	—	2014	468
MURTON	..	122	112	208	—	1249	291
PETERLEE	..	324	297	279	—	3525	851
SHOTTON	..	..	..	..	..	73	90
SOUTH HETTON	..	..	..	..	..	48	33
THORNLEY	..	..	..	..	..	45	48
WHEATLEY HILL	..	..	..	..	..	85	74
WINGATE	..	..	..	..	..	81	82
TOTALS	..	..	..	..	..	1058	1011
Expectant Mothers						1474	1474
Between 1 - 2 years						12260	2917
Under 1 year						3143	—
Expectant Mothers						15	3
Between 2 - 5 years						15	4
Under 1 year						15	3
Expectant Mothers						12	3
Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						11	3
Between 2 - 5 years						11	3
Under 1 year						11	3
Expectant Mothers						12	3
Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 2 - 5 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 2 - 5 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 2 - 5 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
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Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 2 - 5 years						12	3
Under 1 year						12	3
Expectant Mothers						12	3
Between 1 - 2 years						12	3
Under 1 year						12	3
Expectant Mothers						12	

TABLE 13  
Health Education and Relaxation Classes

CLINIC	No. on books	Attendances	Average Attendance per session
Murton	17	121	3
Peterlee	51	218	8
<b>TOTAL</b>	<b>68</b>	<b>339</b>	<b>6</b>

#### Birth Control Clinics

Sessions were held at two centres until 30th April, 1967 after which they were discontinued. During this period 90 mothers made 122 attendances compared with 128 mothers and 322 attendances in 1966.

TABLE 14  
Birth Control Clinics

Clinic	No. on Books	Attendances
MURTON .. ..	55	70
PETERLEE .. ..	35	52
<b>TOTAL</b> .. ..	<b>90</b>	<b>122</b>

#### ARTIFICIAL SUNLIGHT CLINICS

The number of centres that used Ultra-Violet ray lamps during the year was four, attendances were 407 compared with 615 in 1966.

TABLE 15.  
Artificial Sunlight Clinics

CLINIC	No. on books	Attendances	Average Attendance per session	No. of sessions held
HORDEN	11	178	2	88
MURTON	1	27	1	29
PETERLEE	15	190	2	71
WINGATE	1	12	1	12
<b>TOTALS</b>	<b>28</b>	<b>407</b>	<b>1</b>	<b>200</b>

TABLE 16  
FORMS OF DENTAL TREATMENT PROVIDED

	Peterlee			Wingate			Murton			Total	
	No. 1	Surgery								Child 0 - 4	Exp. Mothers
First Visit											
Susbequent Visits	14	2	2	22	53	35	53	71	108		
Total Visits	16	5	7	1	57	11	94	14	156		
				23	110	46	147	85	264		
No. of additional courses of treatment provided during the year:											
Treatment given											
No. of fillings	3	—	—	—	34	—	—	42	3	76	
Teeth filled	3	—	—	—	34	—	—	41	3	75	
Teeth extracted	17	—	—	38	82	62	187	117	269		
General Anaesthetics given	9	—	—	15	14	27	25	51	39		
Emergency visits by patients	1	—	—	—	1	—	—	1	1		
Patients X-Rayed	—	—	—	2	4	—	—	2	2		
Patients treated by Scaling	—	—	—	9	25	16	36	25	62		
Teeth otherwise conserved	17	—	—	—	—	—	—	17	—		
Teeth Root filled	—	—	—	—	—	—	—	—	—		
Inlays	—	—	—	—	—	—	—	—	—		
Crowns	—	—	—	—	—	—	—	—	—		
No. of courses of treatment completed during year	13	2	19	41	29	52	61	95			
Patient supplied with F.U. or F.L.	—	1	—	—	—	—	10	13			
Patient supplied with other dentures	—	—	—	—	12	—	—	10	22		
No. of dentures supplied	—	—	2	—	16	—	—	29	—		
General Anaesthetics administered by Dental Officers	—	—	—	—	—	—	—	—	47		

### DENTAL CARE

Dental treatment for expectant mothers and young children was available at the following centres:—

PETERLEE—as required

WINGATE —as required

MURTON — as required

### WELFARE FOODS

Welfare foods are obtainable from 10 centres throughout the district. Members of voluntary committees at five of these centres accept the responsibility for both the distribution and clerical work in connection with this scheme.

The following statement shows the amount of welfare foods issued during the year with comparative figures for 1966.

		1966	1967
National Dried Milk (tins)	.. .	4,300	2,624
Orange Juice (bottles)	.. .	13,391	12,873
Cod Liver Oil (bottles)	.. .	1,694	1,627
Vitamin Tablets (packets)	.. .	811	605

### CONVALESCENT HOLIDAYS – MOTHER AND YOUNG CHILDREN

Applications are made by Assistant Welfare Medical Officer and Health Visitors in respect of mothers who need a period of convalescence. After investigation, these applications are passed on to Durham County Health Department, who administer the E. F. Peile Home, Shotley Bridge. During the year, eleven mothers, nine babies and nineteen children were admitted from this district.

TABLE 17

**Premature Births - 1967**

1. No. of premature live births notified (as adjusted by transferred notifications)

(a) In hospital	..	..	..	..	..	92
(b) At home or Nursing Homes	..	..	..	..	..	9
<b>Total</b>	<b>101</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>101</b>

2. No. of premature still births notified (as adjusted by transferred notifications)

(a) In hospital	..	..	..	..	..	12
(b) At home or Nursing Homes	..	..	..	..	..	—
<b>Total</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12</b>

WEIGHT AT BIRTH	PREMATURE LIVE BIRTHS						Born	
	Born at Home or in a Nursing Home			Transferred to hospital on or before 28th day				
	Nursed entirely at home or in a Nursing Home		Died	Born at Home or in a Nursing Home		Died		
	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	Total Births	
2 lb. 3 oz. or less	8	8	—	—	—	—	—	
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.	10	3	2	1	—	—	—	
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	21	2	1	—	—	—	—	
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	12	—	—	—	—	—	—	
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	41	—	—	2	1	—	—	
<b>TOTAL</b>	<b>92</b>	<b>13</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>7</b>	
						<b>—</b>	<b>—</b>	
						<b>1</b>	<b>—</b>	
						<b>12</b>	<b>—</b>	

## DOMICILIARY MIDWIFERY

The following number of midwives gave notice of intention to practice in Easington Rural District during the year:—

District Midwives .. .. ..	13
District Nurse – Midwives .. .. ..	—
Midwives in Hospital .. .. ..	21
Midwives in private practice .. .. ..	—

At the end of the year 10 District Midwives were employed against an establishment of 16 district midwives and one district nurse midwife. Car allowances were paid to 7 midwives who used their own cars on duty.

Instruction in domiciliary midwifery was given to five pupil midwives, from the training school at Thorpe Maternity Hospital, Easington by one teaching midwife. Two pupils were successful in passing the Central Midwives Board examination, and two have to complete training.

Staff meetings were held in the Council Offices at monthly intervals.

During the year midwives requisitioned medical help on 207 occasions, and the following statement gives particulars as to the reasons for so doing:—

1. Ante-natal examination – general .. .. ..	9
2. Ante-natal examination – albuminuria .. .. ..	17
3. Threatened miscarriage .. .. .. ..	1
4. Miscarriage .. .. .. ..	1
5. Contracted pelvis, disproportion between child and pelvic outlet .. .. .. ..	1
6. Malpresentation .. .. .. ..	8
7. Ante-partum haemorrhage .. .. .. ..	6
8. Placenta praevia .. .. .. ..	—
9. Prolonged or delayed labour, uterine inertia .. .. ..	26
10. Post-partum haemorrhage .. .. ..	6
11. Retained for adherent placenta or membranes .. .. ..	2
12. Ruptured perineum .. .. .. ..	53
13. Premature birth .. .. .. ..	3
14. Puerperal Pyrexia .. .. .. ..	2
15. Other Conditions of motherhood .. .. .. ..	30
16. Inflammation of child's eyes .. .. .. ..	15
17. Congenital malformation .. .. .. ..	2

18. Other conditions of baby .. .. .. .. .. ..	21
19. Stillbirth .. .. .. .. .. ..	4
20. Neonatal death .. .. .. .. .. ..	—
21. Other reasons .. .. .. .. .. ..	—

In addition to the notifications of sending for medical help, the following notifications were received from midwives:—

Stillbirths .. .. .. .. ..	4
Death of mother .. .. .. ..	—
Death of child .. .. .. ..	1
Laying out the dead .. .. .. ..	4
Liability to be a source of infection .. ..	5

TABLE 18  
Number of Deliveries attended by Domiciliary Midwives  
during the Year

	Dr. not booked		Dr. booked		Total	Discharge from Hospital before 10th day
	Dr. present	Dr. not present	Dr. present	Dr. not present		
District Mid- wives	—	2	16	395	413	687

### HOME NURSING

At the end of 1967, 15 District Nurses were employed. Twelve nurses were authorised car users at the end of the year. One nurse attended training school for district training during the year and was successful in passing the examination. She was awarded the National Certificate of District Nursing.

TABLE 19  
HOME NURSING STATISTICS - 1967

YEAR	STAFF		GENERAL MEDICAL		GENERAL SURGICAL		INFECTIOUS DISEASES		TUBERCULOSIS		MATERNAL COMPLICATIONS		OTHERS		TOTAL	
	Whole-time	Part time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits		
1966	15	—	1764	37270	359	8984	—	—	32	1813	33	289	—	—	2188	48356
1967	15	—	1809	39359	455	11398	—	—	41	2354	28	287	—	—	2333	53398

TABLE 20

YEAR	Patients included in above table who were under 5 at the time of the first visit during the year.		Children included in above table who were under 5 at the time of the first visit during the year.		Patients included in above table who had more than 24 visits during the year.	
	Cases	Visits	Cases	Visits	Cases	Visits
1966	879	26805	109	860	390	30037
1967	939	29769	116	993	473	34849

## HEALTH VISITORS

**Summary of work done during the year ended  
31st December, 1967**

### **DOMICILIARY VISITS**

#### **Maternity and Child Welfare:—**

Ante-natal First visits .. . . . .	585
Re-visits .. . . . .	324
 Births—	
1st Visits .. . . . .	1999
Re-visits to children under 1 year .. .	5066
Re-visits to children 1 – 2 years .. .	2670
Re-visits to children 2 – 3 years .. .	2646
Re-visits to children 3 – 4 years .. .	2319
Re-visits to children 4 – 5 years .. .	2687
Re-visits to children 5 – 6 years .. .	—
 Other visits .. . . . .	583
 <b>TOTAL ..</b>	<b>18879</b>

#### **Tuberculosis:—**

First visits .. . . . .	120
Re-visits .. . . . .	486
Other visits .. . . . .	—
 <b>TOTAL ..</b>	<b>606</b>

### **SCHOOL WORK**

School children (Home visits) .. . . . .	379
School children (School visits) .. . . . .	50
 <b>TOTAL ..</b>	<b>429</b>

### **GENERAL HEALTH**

Visits paid .. . . . .	1396
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#### **Mental sub-normality:—**

Visits paid to Mentally Sub-normal persons .. . . . .	252
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Old people .. . . . .	3388
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Myopia .. . . . .	—
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**Summary :—**

Ineffective visits .. .. .. .. .. ..	..	6202
Total number of visits .. .. .. .. ..	..	31162
No. of effective visits .. .. .. .. ..	..	24960
Time (as days) spent on visits .. .. ..	..	1360
Average daily number of effective visits per Health Visitor .. .. .. .. ..	..	18

**CLINIC, ETC., WORK****Time as days spent:—**

(a) at maternity and child welfare centres .. .. ..	..	850
(b) at chest clinics and contact sessions .. .. ..	..	90
(c) at school head to head inspections .. .. ..	..	—
(d) at school clinics .. .. .. ..	..	2
(e) conducting children to special schools .. .. ..	..	—
(f) assisting with school medical inspection .. .. ..	..	—
(g) at nursery schools .. .. .. ..	..	5
(h) at Poliomyelitis Vaccination Sessions .. .. ..	..	—
(i) at B.C.G. Examinations .. .. .. ..	..	13
(j) at Heaf Tests .. .. .. ..	..	13

**INFLAMMATION OF THE EYES**

Number of cases .. .. .. .. ..	..	34
Number of visits .. .. .. .. ..	..	93

**Treatment**

No. treated by own doctor .. .. .. .. ..	..	33
No. treated by own doctor and District Nurse .. .. ..	..	—
Special Treatment .. .. .. .. ..	..	1
<b>TOTAL ..</b>		<b>34</b>

**Hospital Treatment**

In patient .. .. .. .. ..	..	—
Out patient .. .. .. .. ..	..	1
<b>TOTAL ..</b>		<b>1</b>

**Results**

Vision unimpaired .. .. .. .. ..	..	34
Under treatment at the end of the year .. .. ..	..	—
<b>TOTAL ..</b>		<b>34</b>

At the end of the year the Health Visitor staff numbered eleven as against an establishment of 15. Seven Health Visitors were paid car allowances at the end of the year.

## VACCINATION AND IMMUNISATION

### SMALLPOX, DIPHTHERIA, WHOOPING COUGH AND TETANUS

Propaganda leaflets, drawing attention to the need for children to be protected against these diseases are sent to parents when their children attain the age of three months. All leaflets give details of facilities available for vaccination and immunisation in the area.

Vaccinations and Immunisations are carried out by general practitioners at surgeries, assistant welfare medical officers at child welfare centres and by school medical officers in schools.

Tables 21 and 22 give details of the numbers vaccinated and immunised during the year.

### POLIOMYELITIS VACCINATION

Vaccination against Poliomyelitis continued during the year. Table 21 gives details.

**TABLE 21**  
**VACCINATION OF PERSONS UNDER 16**

COMPLETED PRIMARY COURSES

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1967	1966	1965	1964	1960-1963		
1. Quadruple DTPP	—	2	—	1	1	—	4
2. Triple DTP	444	646	94	45	94	11	1,334
3. Diphtheria/ Pertussis	—	1	—	—	—	—	1
4. Diphtheria/ Tetanus	2	3	—	3	246	—	254
5. Diphtheria	—	—	—	—	1	3	4
6. Pertussis	—	—	—	—	—	—	—
7. Tetanus	—	—	—	3	73	36	112
8. Salk	—	—	—	—	—	—	—
9. Sabin	238	763	150	94	331	30	1,606
10. Lines 1+2+3+ 4+5 (Diphtheria)	446	652	94	49	342	14	1,597
11. Lines 1+2+3+6 (Whooping Cough)	444	649	94	46	95	11	1,339
12. Lines 1+2+4+7 (Tetanus)	446	651	94	52	414	47	1,704
13. Lines 1+8+9 (Polio)	238	765	150	95	332	30	1,610

REINFORCING DOSES—Number of Persons under age 16.

1. Quadruple DTPP	—	—	—	—	—	—	—
2. Triple DTP	—	36	104	37	599	25	801
3. Diphtheria/ Pertussis	—	—	—	—	—	2	2
4. Diphtheria/ Tetanus	—	—	3	4	723	2	732
5. Diphtheria	—	—	—	—	51	18	69
6. Pertussis	—	—	—	—	—	—	—
7. Tetanus	—	1	1	2	264	82	350
8. Salk	—	—	—	1	6	—	7
9. Sabin	—	20	41	19	1,192	31	1,303
10. Lines 1+2+3+ 4+5 (Diphtheria)	—	36	107	41	1,373	47	1,604
11. Lines 1+2+3+6 (Whooping Cough)	—	36	104	37	599	27	803
12. Lines 1+2+4+7 (Tetanus)	—	37	108	43	1,586	109	1,883
13. Lines 1+8+9 (Polio)	—	20	41	20	1,198	31	1,310

TABLE 22  
SMALLPOX VACCINATION

AGE	0-3 months	3-6 months	6-9 months	9-12 months	1 year	2-4 years	5-15 years	TOTAL
No. VACCINATED	4	7	7	21	338	75	64	516
No. RE-VACCINATED	—	—	—	—	—	3	11	14

## PREVENTION OF ILLNESS, CARE AND AFTER CARE

### B.C.G. VACCINATION

Tuberculin testing and vaccination of school children 11 years and upwards was carried out during the year. Of the 892 children skin tested, 23 were found to be positive and therefore not eligible for vaccination. Protection against tuberculosis by B.C.G. Vaccination was given to 826 children.

In addition to this 911 school entrants were skin tested, and 18 were found to be positive. These were referred to the chest physician for further investigation.

### CERVICAL CYTOLOGY

Weekly sessions were held at the Health Centre, Peterlee, during the year, the details are as follows:—

No. of sessions held	..	..	..	..	32
No. of smears taken	..	..	..	..	791
No. of repeat smears	..	..	..	..	80
No. of positive cases	..	..	..	..	4
No. of smears from persons resident outside Administrative County Area			..	..	3

### CONVALESCENT HOMES

During the year arrangements were made, on medical recommendation, for the admission of patients to the following homes:—

The Metcalfe Smith House, Harrogate .. .. 1

The Council was responsible for part payment of the maintenance charges.

### NURSING EQUIPMENT

A store of articles for loan is maintained in the Health Department and issues are made on the recommendation of doctors, nurses and almoners. During the year 939 issues were made, compared with 819 in 1966. Table 23 gives details.

### INCONTINENCE PADS

Disposable incontinence pads are provided for carefully selected patients and during the year 2,530 pads were issued.

TABLE 23 - Equipment Loaned during 1967

Articles	No.	Articles	No.
Air Rings .. ..	30	Invalid Chairs, Adult ..	71
Bathmats .. ..	2	Invalid Chairs, Junior	12
Bath Safety Rails .. ..	8	Lifting Poles .. ..	1
Bath Seats .. ..	16	Plastic Sheets .. ..	156
Bedcages .. ..	38	Rubber Sheets ..	10
Bedpans .. ..	113	Sorbo Mattresses ..	26
Bedrests .. ..	89	Sorbo Rings .. ..	49
Bedsteads .. ..	12	Sorbo Squares .. ..	9
Commodes .. ..	108	Toilet Seat - Inflatable	1
Cots, Adult .. ..	3	Tripod Sticks .. ..	39
Crutches .. ..	20	Urinals, Male .. ..	62
Eneuresis Sets .. ..	20	Walking Aids .. ..	18
Feeding Cups .. ..	5	Walking Sticks .. ..	12
Fracture Boards .. ..	9		
	sets		

**CHIROPODY**

The chiropody service was continued during the year. Regular sessions are held at child welfare centres but domiciliary visits are arranged for persons who cannot travel. The service is for persons of pensionable age only and no charge is made. Table 24 gives details of treatments.

TABLE 24  
Chiropody Service

CENTRE						No. of treatments
Horden .. ..	..	..	..	..	..	538
Murton .. ..	..	..	..	..	..	524
Easington .. ..	..	..	..	..	..	453
Peterlee .. ..	..	..	..	..	..	642
Thornley .. ..	..	..	..	..	..	276
Wingate .. ..	..	..	..	..	..	612
Shotton .. ..	..	..	..	..	..	295
Deaf Hill .. ..	..	..	..	..	..	202
Wheatley Hill .. ..	..	..	..	..	..	270
						3812
Domiciliary Treatment .. ..	..	..	..	..	..	1306
						5118

## **DOMESTIC HELP SERVICE**

The district is supervised by two Domestic Help Organisers who engage, and place Domestic Helps and investigate all applications for help.

## **CHARGES AND REMUNERATION:—**

The fee for the service is 6/6d. per hour, but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

The following is a summary of work accomplished during 1967:—

No. of cases provided with domestic help during the period						
Chronic sick (including aged and infirm) .. ..	748					
Maternity (including expectant mothers) .. ..	4					
Tuberculosis .. .. .. ..	—					
	—					
	752					
	—					
No. of cases attended 1st January, 1967 .. .. ..	591					
*No. of new cases during the year .. .. ..	161					
No. of cases terminated during the year .. .. ..	114					
No. of cases attended 31st December, 1967 .. ..	638					
No. of cases on waiting list at 31st December, 1967 ..	56					
No. of visits paid by organisers .. .. .. ..	5687					
No. of Domestic Helps employed at the end of the year ..	327					

## MENTAL HEALTH SERVICE

## STAFF

Mental Welfare Officers	..	..	..	..	..	3
Supervisors – Junior Training Centre	..	..	..	..	..	1
Superintendent (Male) – Adult Training Centre	..	..	..	..	..	1
Deputy Superintendent (Female) – Adult Training Centre	..	..	..	..	..	1
Assistant Supervisors – Junior Training Centre	..	..	..	..	..	2
Trainee Assistant Supervisors – Training Centres	..	..	..	..	..	3
Craft Instructors (Male) – Adult Training Centre	..	..	..	..	..	2

The Superintendent of the Adult Training Centre, and one Trainee Assistant Supervisor were seconded to take courses leading to the Diploma for Teachers of the Mentally handicapped.

## ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY

### HOSPITAL ADMISSIONS

TABLE 25

HOSPITAL	Sect. 25	Sect. 26	Sect. 29	Sect. 60	Inform.	Temp.	TOTAL
MENTALLY ILL Winterton, Sedgefield Cherry Knowle, Ryhope General, Hartlepool	2 1 —	3 1 —	29 2 4	— — —	19 1 1	— — —	53 5 5
Total	3	4	35	—	21	—	63
MENTALLY SUB-NORMAL	—	—	—	—	—	—	—
TOTAL	—	—	—	—	—	—	—

### ASCERTAINMENT

Cases of mental subnormality are notified by School Medical Officers, General Practitioners, Health Visitors, Social Workers and Hospitals. Under section 57 of the Education Act, 1944, the Local Education Authority notified three boys and five girls as unsuitable for education at school, two other boys were notified as requiring further supervision after leaving school.

At the end of the year there were 366 mentally sub-normal persons on the register, 22 of these being added during the year, compared with 23 in 1966.

The supervision of mentally subnormal persons is carried out mainly by Mental Welfare Officers, although Health Visitors continue to supervise younger children. During the year 2,009 visits were made, 252 of these by Health Visitors.

### TRAINING CENTRES

The Junior Training Centre, Easington, continued to operate satisfactorily during the year and on 31st December, 1967, 37 children were in attendance.

The new purpose built Adult Training Centre at Easington was opened on 13th March, 1967 and at the end of the year 33 trainees were in attendance.

**NATIONAL ASSISTANCE ACT, 1948**  
**WELFARE OF THE BLIND AND PARTIALLY-SIGHTED**

**REGISTER AND REGISTRATION OF BLIND PERSONS**

The number of blind persons on the register at 31st December, 1967, was 149, a decrease of one during the year. Table 26 gives details.

TABLE 26  
**Blind Population according to Age and Sex**

	1 and under	2-4	5-10	11-15	16-20	21-29	30-39	40-49	50-59	60-64	65-69	70-79	80 & over	TOTAL
M	—	—	1	4	2	4	5	5	5	6	4	14	11	61
F	—	—	—	—	1	—	2	6	11	8	8	30	22	88
<b>TOTAL</b>	—	—	1	4	3	4	7	11	16	14	12	44	33	149

During this period 23 blind persons were added to the register and 24 either died or left the district.

Four part-time ophthalmologists examined 50 cases referred to them. These cases were classified as follows:—

**First Examination**

No. certified blind .. .. .. .. .. ..	17
No. certified partially-sighted .. .. .. .. ..	11
No. certified not blind .. .. .. .. ..	7
	—
	35

**Re-examinations**

No. certified blind .. .. .. .. .. ..	5
No. certified partially-sighted .. .. .. .. ..	7
No. certified not blind .. .. .. .. ..	3
	—
	15

**REGISTRATION OF PARTIALLY-SIGHTED**

The number of partially-sighted persons on the Council's register on 31st December, 1967, was 37 compared to 30 in 1966. Table 27 gives details.

**TABLE 27**  
**Partially-sighted Persons according to Age and Sex**

	0-1	2-4	5-15	16-20	21-49	50-64	65 and over	TOTAL
M	—	—	4	1	2	3	11	21
F	—	1	6	—	2	2	5	16
TOTAL	—	1	10	1	4	5	16	37

The following table gives further information regarding the recommendations and action taken in relation to blind and partially-sighted persons registered during the year.

**TABLE 28**

	Cause of Disability		
	Cataract	Glaucoma	Misc.
(1) No. of cases registered during the year in respect of which			
(a) No treatment was recommended:—			
Blind .. ..	5	3	6
Partially-sighted ..	—	—	1
(b) Treatment recommended (Medical, Surgical or Optical)			
Blind .. ..	4	—	4
Partially-sighted ..	4	—	7
(2) No. of cases at 1 (b) who later received treatment			
Blind .. ..	—	—	—
Partially-sighted ..	—	—	—

In all cases of cataract, glaucoma or any other disability the patient's private doctor is informed of the findings and recommendations of the Ophthalmologist.

## EMPLOYMENT

The following information relates to trained blind persons in employment at the end of the year.

	Institution Workers
Royal Institution for the Blind, Sunderland ..	1
Hartlepool Workshops for the Blind, Hartlepool ..	1

## HOME TEACHING SERVICE

One home teacher is employed by this Authority, and one employed by Durham County Council spends part of her time visiting in the Easington area. Each of the teachers visits blind persons regularly and holds classes for teaching handicrafts.

## TALKING BOOK MACHINES

At the end of the year 19 blind persons were using Talking book Machines. One is held in the Health Department and is used for Demonstration purposes.

## WELFARE OF THE PHYSICALLY HANDICAPPED

At the end of the year there were 159 males and 111 females on the register, an increase of 36 during the year. The Council continues to adapt houses and build special purpose bungalows so as to give greater convenience and comfort to the physically-handicapped.

During the year, car badges were issued to nine disabled drivers to enable them to obtain parking privileges.

## WELFARE OF THE DEAF

This service is operated on an agency agreement with the Northumberland and Durham Mission to the Deaf and Dumb. Welfare Officers visit and look after the general welfare of registered persons. At the end of the year the number of persons registered as deaf or hard of hearing was 55, classified as follows:—

	M.	F.	Total
Under 16 years .. .. .. ..	2	3	5
16-64 years .. .. .. ..	23	21	44
65 years and over .. .. .. ..	2	4	6
	<hr/>	<hr/>	<hr/>
	27	28	55
	<hr/>	<hr/>	<hr/>

At the end of December 1967, one boy and two girls were attending residential schools for the deaf outside the county area.

## SECTION V

### SCHOOL HEALTH SERVICE

The number of children in schools at January, 1968, was 15,481, divided as follows:—

						Number	Children on Roll
Nursery	..	..	..	..	..	1	40
Primary	..	..	..	..	..	45	10132
Secondary Modern	..	..	..	..	..	13	3971
Grammar	..	..	..	..	..	2	1212
Special (Day School for Educationally Sub-normal)						1	126
						<hr/> 62	<hr/> 15481
						<hr/>	<hr/>

### MEDICAL INSPECTIONS

Routine medical inspection is still being carried out in three groups:—

- School Entrants
- Ten plus Age Group
- Last year of compulsory education.

Visits are also paid to Easington Junior Training Centre, Horden Day Special School and Wingate Nursery School.

The issue of Forms 10bM, the supplementary record card to be held in schools, was extended to include Secondary Modern and Grammar Schools. All schools in the Excepted District now hold these supplementary cards which have proved a great help in reducing the amount of work to be done by Head Teachers and the School Medical staff prior to arranging a School Medical Inspection.

The number of children inspected was 3,736 of which 66 were specials.

399 re-inspections were also carried out.

The percentage of children whose physical condition was found to be unsatisfactory was 0.49% compared with a figure of 1.05% in 1966.

Pupils found to require treatment at Periodic Medical Inspections (excluding Dental Diseases and Infestation with Vermin).

Age Groups Inspected (By year of birth)	For defective vision (excluding squint)	For any of the other conditions recorded in part II	Total Individual Pupils
1963 & later	—	3	3
1962	15	63	69
1961	30	144	163
1960	37	117	132
1959	1	13	13
1958	—	1	1
1957	—	1	1
1956	65	92	140
1955	77	100	145
1954	28	29	50
1953	100	96	170
1952 & earlier	182	155	299
<b>TOTAL . .</b>	<b>535</b>	<b>814</b>	<b>1186</b>

**DEFECTS FOUND AT MEDICAL INSPECTION DURING  
THE YEAR**

Defect or Disease	Periodic Inspections							
	Entrants		Leavers		Others		Total	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin . . . .	21	13	38	14	33	14	92	41
Eyes—								
(a) Vision . . . .	83	51	274	57	178	83	535	191
(b) Squint . . . .	58	8	23	1	34	2	115	11
(c) Other . . . .	9	2	8	2	8	—	25	4
Ears—								
(a) Hearing . . . .	59	65	10	11	18	14	87	90
(b) Otitis Media . . . .	26	13	5	6	8	14	39	33
(c) Other . . . .	6	—	2	2	4	2	12	4
Nose and Throat . . . .	92	152	57	46	39	72	188	270
Speech . . . .	11	16	1	7	2	9	14	32
Lymphatic Glands . . . .	—	33	2	5	1	11	3	49
Heart . . . .	6	24	1	13	4	13	11	50
Lungs . . . .	37	29	16	13	9	19	62	61
Developmental—								
(a) Hernia . . . .	1	7	—	2	2	2	3	11
(b) Other . . . .	—	9	3	1	3	5	6	15
Orthopaedic—								
(a) Posture . . . .	1	1	3	3	1	2	5	6
(b) Feet . . . .	29	32	19	22	22	25	70	79
(c) Other . . . .	11	16	22	17	8	10	41	43
Nervous System—								
(a) Epilepsy . . . .	5	5	9	1	3	2	17	8
(b) Other . . . .	10	13	3	11	7	16	20	40
Psychological—								
(a) Development . . . .	8	11	12	2	7	6	27	19
(b) Stability . . . .	3	5	4	6	8	12	15	23
Abdomen . . . .	13	19	7	6	12	9	32	34
Other . . . .	10	8	33	3	27	10	70	21

(T) Number of pupils found to need treatment.

(O) Number of pupils found to need observation.

### SPECIAL INSPECTIONS

Defect or Disease	Special Inspections		
	Pupils requiring Treatment	Pupils requiring Observation	
Skin .. .. ..	6	—	—
Eyes—			
(a) Vision .. ..	11	4	
(b) Squint .. ..	3	1	
(c) Other .. ..	—	—	
Ears—			
(a) Hearing .. ..	3	6	
(b) Otitis Media ..	2	2	
(c) Other .. ..	2	3	
Nose and Throat .. ..	4	6	
Speech .. ..	4	2	
Lymphatic Glands .. ..	—	—	
Heart .. .. ..	1	3	
Lungs .. .. ..	3	2	
Developmental—			
(a) Hernia .. ..	—	—	
(b) Other .. ..	1	1	
Orthopaedic—			
(a) Posture .. ..	—	1	
(b) Feet .. ..	1	6	
(c) Other .. ..	2	3	
Nervous System—			
(a) Epilepsy .. ..	5	2	
(b) Other .. ..	2	1	
Psychological—			
(a) Development ..	17	—	
(b) Stability .. ..	1	—	
Abdomen .. .. ..	1	—	
Other .. .. ..	1	1	

## PERMANENT SCHOOL CLINICS

Clinic	Sessions	Sessions
HORDEN Blackhills Road	Medical Officer Tues. (a.m.) Building used by School Health Service only	Educational Psychologist By arrangement
MURTON Woods Terrace	Medical Officer Alt. Thur. (a.m.) Dental Officer Tues. & Wed. Building used by Maternity and Child Welfare and School Health Service	Educational Psychologist— By arrangement Audiometrist— By arrangement
PETERLEE Fleming Place	Medical Officer Fri. Dental Officer No. 1 Surgery— Daily Building used by Maternity and Child Welfare and School Health Service	Speech Therapist—Mon., Thur., Fri. Educational Psychologist— By arrangement Audiometrist— By arrangement Ophthalmologist Fri. (a.m.)
WHEATLEY HILL School House, Front Street	Medical Officer Alt. Thursdays (p.m.) Building used by Maternity and Child Welfare and School Health Service	Educational Psychologist By arrangement
WINGATE 'Oaklea', Fir Tree	Medical Officer alt. Mon. (a.m.) Dental Officer Mon., Thurs., & Friday. Ophthalmologist Wed. (a.m.) Building used by Maternity and Child Welfare and School Health Service	Speech Therapist Wednesday Educational Psychologist By arrangement Audiometrist By arrangement

A large proportion of the children seen at school clinics attend by appointment, e.g. persistent absentees, requests for change of school, behaviour problems, etc. Also, the majority of college entrant and adult staff examinations are carried out during the routine clinic times.

The clinics continue to be held at fixed times to allow Head Teachers, Educational Welfare Officers, etc. to refer children without previous appointment, when they require a medical examination.

**Analysis of Cases examined at the School Clinics during  
the year 1967**

Defect or Disease	No. of cases	No. Exam.
1. Cleanliness .. .. ..	—	—
2. Infestation – Head .. ..	3	10
Body .. ..	—	—
3. Teeth .. .. ..	2	2
4. Skin (a) Ringworm of Scalp ..	—	—
(b) Ringworm of Body ..	—	—
(c) Other .. .. ..	18	34
5. Eyes (a) Vision .. .. ..	42	46
(b) Squint .. .. ..	5	5
(c) Other .. .. ..	1	4
6. Ears (a) Hearing .. .. ..	234	763
(b) Otitis Media—R ..	1	1
—L ..	—	—
(c) Other .. .. ..	6	11
7. Nose and throat .. .. ..	30	47
8. Speech .. .. ..	9	9
9. Lymphatic Glands .. .. ..	—	—
10. Heart and Circulation .. .. ..	5	12
11. Lungs .. .. ..	12	31
12. Development (a) Hernia .. ..	—	—
(b) Other .. ..	3	3
13. Orthopaedic (a) Posture .. ..	1	1
(b) Feet .. .. ..	3	4
(c) Other .. .. ..	8	10
14. Nervous System (a) Epilepsy ..	1	2
(b) Other .. ..	8	9
15. Psychological (a) Development ..	10	12
(b) Stability .. ..	56	140
16. Abdomen .. .. ..	16	26
17. General Debility .. .. ..	43	107
18. Other Defects .. .. ..	72	80
19. No. appreciable Defect or Disease	—	—
<b>TOTALS .. .. ..</b>	<b>589</b>	<b>1,369</b>

## Other Facilities for Medical Treatment

### VISION TESTING

Weekly Sessions continue to be held at Peterlee and Wingate School Clinics. During the year 630 children were tested and spectacles were prescribed in 353 cases.

49 children who required orthoptic treatment were referred to Sunderland Eye Infirmary.

A Keystone Vision Screener was introduced during the latter part of the year.

This permits, in addition to the testing of distance vision, the testing of near and colour vision which were not previously being tested.

The machine also standardises the conditions of testing which have not always been satisfactory in many schools.

Very little vision screening of those children not being medically examined has been possible during this year but it is hoped that, with a full nursing staff and the possibility of payment of car allowances to school nurses, a fuller use of the machine will be possible next year.

### AUDIOMETRIC TESTING

914 appointments for audiometric tests were arranged at school clinics during the year and the results were as follows:—

Referred to G.P. . . . .	..	..	..	..	..	..	111
For further Observation ..	..	..	..	..	..	..	443
Appointments not kept ..	..	..	..	..	..	..	151
No further action .. . . . .	..	..	..	..	..	..	209

The audiometrist continued to visit Infant schools to carry out a sweep test of hearing and 21 schools were visited during the year. 2,526 pupils were tested and, of these, 332, i.e. 13.12%, failed the test and were referred to clinics for further audiometric testing. In addition, all children referred for speech therapy or for examination as possible educationally sub-normal are also tested for possible hearing loss.

### HEARING AIDS

All children with hearing aids who attend ordinary schools are seen at intervals by the School Medical Officers together with Mr. L. Smith, County Organiser for Deaf Education, whose advice is appreciated in these matters. Reports on the pupils' educational progress are also received from their Head Teachers.

The children are then examined to ensure that each is receiving the maximum benefit from the hearing aid.

In 1967 10 children with hearing aids were attending ordinary schools in the district.

In addition pre-school children, referred by the Chief Nursing Officer as having possible hearing defects, are also seen at these clinics.

### CHILD GUIDANCE

38 children were referred to Peterlee Child Guidance Clinic and sessions are held each week on a Wednesday afternoon. Of these children 8 were referred for a Psychiatric report at the request of the Juvenile Court.

5 children were recommended for placement in Schools for the Maladjusted and 3 were recommended for Approved Schools.

At the end of the year two children were awaiting admission to Schools for the Maladjusted.

The increase in demand for this service is probably partly due to the provision of local facilities and partly due to the increased referral rate from general practitioners.

While it is gratifying that the service is appreciated it is a cause for concern that, because of the length of the waiting list, many children have to wait several months for their first interview.

### SPEECH THERAPY

After a lapse of 16 months, following the resignation of the previous Speech Therapist, Mrs. J. Pye commenced duty on 1st September, 1967.

The following table gives an analysis of the children seen.

	Boys	Girls	Total
No. of children on register in September, 1967	47	20	67
No. of new cases admitted	..	..	36
No. of children discharged	..	..	38
No. of children transferred	..	..	8
	—	—	—
No. of children on register in December, 1967	44	13	57

### OTHER EXAMINATIONS

Physically and mentally handicapped children are ascertained either at clinics or, where necessary, at home.

The following figures show the distribution of handicapped children in the various categories.

Blind .. .. .. .. .. ..	3	(1)
Partially sighted .. .. .. .. ..	8	(2)
Deaf .. .. .. .. .. ..	4	(—)
Partially hearing .. .. .. .. ..	6	(4)
Physically handicapped .. .. .. .. ..	17	(18)
Delicate .. .. .. .. .. ..	13	(11)
Epileptic .. .. .. .. .. ..	—	(3)
Educationally Sub-normal .. .. .. .. ..	172	(43)

The figures in brackets show the number of children examined or re-examined during the year.

#### (a) *Blind and Partially Sighted*

One pupil was examined during the year and, after subsequent examination by a Consultant Ophthalmologist, was recommended for placement in a Special School for the Blind.

At the end of the year three pupils were attending Special Schools.

#### *Partially Sighted*

One pupil was recommended for placement in a Special School for the Partially Sighted and, at the end of the year, eight pupils were attending such schools and one child was awaiting admission.

#### (b) *Deaf and Partially Hearing*

Four pupils were attending Schools for the Deaf and, of the four partially hearing pupils examined, all were recommended for admission to partially hearing units making a total of six attending units at the end of the year.

#### (c) *Physically Handicapped Pupils*

Fourteen pupils were examined during the year and four were re-examined. Of these, ten were found to be able to cope in an ordinary school, two were recommended for admission to special schools and six for tuition at home.

Four physically handicapped children attend special schools and ten received home tuition during the year.

Twelve children were provided with special transport to ordinary schools for varying periods.

#### (d) *Delicate Pupils*

A total of eleven children were examined or re-examined during the year and five were found capable of attending ordinary schools. Five were recommended for home tuition and one for review at a later date.

At the end of the year seven children were attending special schools. Five children received home tuition and two were provided with special transport.

(e) *Epileptic Pupils*

Three children were examined or re-examined during the year. All were found to be able to attend ordinary school and special transport was provided in one case.

(f) *Educationally Sub-Normal Pupils*

43 children were examined and, of these, 25 were recommended for admission to special schools and five were found to be unsuitable for education in school. At the end of the year, four children were awaiting placement in Residential Schools.

(g) *Maladjusted Pupils*

A total of 31 children attended Peterlee Child Guidance Clinic where Dr. Bruce held weekly sessions. 8 of these children were referred by the Juvenile Court.

At the end of the year, four boys were attending Schools for the Maladjusted and one boy and one girl were awaiting placement.

In all, 36 children are attending Special Schools (apart from Schools for the Educationally Sub-normal).

13 children are attending Residential Schools for the Educationally Sub-normal and 96 are attending the Day Special School at Horden.

Arrangements were made for one girl to attend the St. Anne's Convalescent Home for one month.

At the end of the year one child was awaiting admission to a school for the Partially Sighted and two children were waiting to be admitted to Schools for the Maladjusted.

The co-operation of the Education Department during the course of the year in dealing with the problems and placement of handicapped children has been much appreciated.

The difficulty with Residential Educationally Sub-normal placement has caused concern particularly as two of these children were recommended for residential placement by the Child Psychiatrist.

#### MISCELLANEOUS MEDICAL EXAMINATIONS (Figures in brackets relate to 1966).

For part-time employment while still attending school	9	(4)
College Entrants and Intending Teachers .. ..	92	(135)
Superannuation and Sick Pay Cases .. ..	126	(73)

### VACCINATION AND IMMUNISATION

Heaf testing of school entrants and testing and B.C.G. vaccination of children in Secondary Modern Schools was again carried out by the Medical Officer of Health and his staff. In all schools, 1,803 children were tested of whom 41 were found to be positive. 826 children in the 11 year age group were vaccinated against Tuberculosis.

School Medical Officers gave 480 booster doses of Diphtheria and/or Tetanus vaccine to children who had been given a primary course in Infants' Schools in 1966.

In a further offer of immunisation to school entrants 515 booster doses and 358 primary immunisations of Diphtheria and/or Tetanus were given. 200 full courses of Poliomyelitis vaccine and 566 Poliomyelitis boosters were also given.

### DENTAL SERVICES

The staffing situation deteriorated during the year. At the beginning of the year there were two full-time Dental Officers employed but, with the resignation of Mr. G. Haust in November, there is only one full-time Dental Officer for three dental clinics.

As a result of the reduction in staff, the figures for the year show a marked drop compared with those for 1966 when three full-time Dental Officers were employed.

### ATTENDANCES AND TREATMENT

		Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
First Visit .. . .	..	862	937	229	2,028
Subsequent Visits .. . .	..	275	1,041	224	1,540
Total Visits .. . .	..	1,137	1,978	453	3,568
Additional courses of treatment commenced .. . .	..	45	89	23	157
Fillings in permanent teeth		396	2,309	715	3,420
Fillings in deciduous teeth		189	35	—	224
Permanent Teeth filled .. . .	..	330	1,915	619	2,864
Deciduous teeth filled .. . .	..	158	1	—	159
Permanent teeth extracted		50	316	88	454
Deciduous teeth extracted		1,518	500	—	2,018
General anaesthetics .. . .	..	574	336	46	956
Emergencies .. . .	..	21	9	2	32

Number of pupils x-rayed .. ..	39
Prophylaxis .. ..	168
Teeth otherwise conserved .. ..	122
Number of teeth root filled .. ..	2
Inlays .. .. ..	—
Crowns .. .. ..	—
Courses of treatment commenced ..	1,580

**ORTHODONTICS**

Cases remaining from previous year ..	56
New cases commenced during year ..	162
Cases completed during year ..	51
Cases discontinued during year ..	25
No. of removable appliances fitted ..	113
No. of fixed appliances fitted ..	—
Pupils referred to Hospital Consultant ..	47

**PROSTHETICS**

	5 to 9	10 to 14	15 and over	Total
Pupils supplied with F.U. or F.L. (first time) ..	—	—	—	—
Pupils supplied with other dentures (first time) ..	—	16	3	19
Number of dentures supplied .. .. ..	—	18	6	24

**ANAESTHETICS**

General Anaesthetics administered by Dental Officers	—
--	---

**INSPECTIONS**

(a) First inspection at school. Number of Pupils ..	1,135
(b) First inspection at clinic. Number of Pupils ..	605
Number of (a) & (b) found to require treatment	614
Number of (a) & (b) offered treatment .. ..	583
(c) Pupils re-inspected at school or clinic .. ..	5,768
Number of (c) found to require treatment ..	2,434

**SESSIONS**

Sessions devoted to treatment .. .. ..	804
Sessions devoted to inspection .. ..	59
Sessions devoted to Dental Health Education .. .. .. ..	—

## NURSING AND HEALTH VISITOR SERVICES

### CLEANLINESS INSPECTIONS IN SCHOOLS

The school nurses carried out the majority of the cleanliness inspections with some help from the Health Visitors.

590 visits were paid to schools the details being as follows:—

	No. Inspected	No. Unclean	No. Verminous
1st Inspection	12,070	46	3
1st Re-inspection	1,933	19	—
2nd Re-Inspection	1,280	14	—
3rd Re-Inspection	1,861	16	—
4th Re-Inspection	1,667	11	—
5th Re-Inspection	1,820	17	—
6th Re-Inspection	2,169	9	—
7th Re-Inspection	1,473	6	—
8th Re-Inspection	1,128	3	—
9th Re-Inspection	570	4	—
10th Re-Inspection	222	—	—

Following these inspections, 1903 visits were paid to the children's homes.

The number of children found to be unclean has continued to decline.

School Nurses also made 109 follow-up visits to the homes of those children who had been discharged from hospital.

## SECTION VI

### SANITARY CIRCUMSTANCES OF THE AREA

#### REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health.

Sir,

I have pleasure in submitting a report of the work undertaken by the Inspectors of this department during the year 1967.

Details and statistics have been set out, some in table form, showing much of the work done by the Inspectors in the various aspects of the Public Health Services.

Although much time is spent in Food Hygiene and Housing, it should be noted that there are still many householders who are not availing themselves of the Grants which might be payable for improving their properties.

I am grateful for the assistance of my colleagues and the co-operation of the Chief Officers during the past year.

I am Sir,

Your obedient Servant,

R. E. V. WARRAND,

Senior Public Health Inspector.

## WATER SUPPLY

Water undertakings supplying the District are:—

Sunderland and South Shields Water Company.

The National Coal Board.

Fifty-three samples of mains water were taken from public stand pipes or consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland.

A typical analysis of a mains supply is as follows:—

CHEMICAL ANALYSIS	PARTS PER MILLION
Total Solids dried at 180°C .. ..	500
Chlorides .. .. ..	34
Temporary Hardness .. .. ..	289
Total Hardness .. .. ..	408
Nitrate as Nitrogen .. .. ..	2.8
Nitrite as Nitrogen .. .. ..	nil.
Free Ammonia .. .. ..	0.056
Albuminoid Ammonia .. .. ..	0.056
Oxygen absorbed from Permanganate, 3 hours at 37°C .. .. ..	nil.
Iron as Fe .. .. .. ..	0.1
pH .. .. .. .. ..	7.4

The above analysis relates to the water supplied from New Winning Pumping Station, but you will appreciate that the water supplied to the different parts of the Rural District varies considerably.

Further to the above, 42 samples were taken from the district swimming pools. Five of these had a high bacterial count, due to a fault in the chemical dosage tanks.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

LOCALITY	1 Estimated population	2 Area in acres	3 Number of houses and other premises with dwelling ac'm'dat'n	4 No. of Houses with mains supply direct to houses	5 No. of Houses with mains supply from stand-pipes
Burdon ..	84	1280	26		
Seaton with Slingley ..	486	1392	181	219	—
Warden Law ..	31	500	12		
Castle Eden ..	403	1546	169	169	—
Cold Hesledon ..	905	1150	306		
Dalton-le-Dale ..	694	691	259	565	—
Easington ..	9486	3709	3155	3155	—
Haswell ..	2303				
South Hetton ..	2904	3767	1798	1798	—
Hutton Henry ..	370				
Station Town ..	1964	2012	824	824	—
Hawthorn ..	324	1413	129	129	—
Blackhall ..	6270				
Hesledens ..	1265	2654	2569	2569	—
Murton East ..	8401	1406	2857	2857	—
Sheraton with Hulam ..	105	2346	44		
Nesbitt ..	10	333	3	47	—
Shotton ..	5506	1421	1795	1795	—
Horden ..	11719	1302	3654	3654	—
Peterlee ..	18217	2007	5919	5919	—
Thornley ..	4155	1148	1437	1437	—
Wingate ..	3502				
Wheatley Hill ..	5473	4570	3725	3725	—
Trimdon ..	1653				
<b>TOTALS ..</b>	<b>86230</b>	<b>34647</b>	<b>28862</b>	<b>28862</b>	<b>—</b>

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

	No. of inspections	No. of Informal Notices served	No. of Statutory Notices served	Defects remedied after Notice
<b>Housing:</b>				
Public Health and Housing Acts ..	3798	217	5	182
Overcrowding .. ..	139	—	—	—
<b>Sanitary Conveniences:</b>				
Insufficient .. ..	—	—	—	—
Defective .. ..	48	9	—	8
Drainage .. ..	256	65	1	59
Water Supply .. ..	109	4	—	4
Food Premises .. ..	2540	30	3	24
O.S. & R.P. Act .. ..	457	49	—	26
Dairies .. .. ..	33	—	—	—
<b>Slaughterhouses:</b>				
Public .. ..	—	—	—	—
Private .. ..	1827	—	1	1
Tents, Vans, etc. ..	42	1	—	1
Offensive Trades ..	31	2	—	2
Factories & Workplaces ..	162	2	—	3
Keeping of Animals ..	29	7	—	3
Insanitary Ashpits and Receptacles .. ..	1	1	—	1
Offensive accumulations ..	26	7	—	5
Smoke Nuisances ..	45	3	—	2
Prevention of Damage by Pests Act, 1949 ..	2185	—	—	—
<b>TOTALS ..</b>	<b>11728</b>	<b>397</b>	<b>10</b>	<b>321</b>

### SMOKE ABATEMENT

Advice has continued to be given on the installation of boiler plants as to the height of flues, etc.

### CARAVAN SITES & CONTROL OF DEVELOPMENT ACT, 1960

The three sites used in the Crimdon area are subject to weekly visits, especially during the summer months.

### VERMINOUS PREMISES

Two Council houses and seven private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 131 cases of infestation of house property by cockroaches, etc. advice and active assistance were given.

### INFECTIOUS DISEASE INVESTIGATION

375 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 173 faecal specimens were taken for bacteriological examination. Newly appointed school meals attendants were checked against the possibility of bowel infection, and 166 specimens were submitted to the laboratory. One school meals applicant proved positive and was treated by her doctor.

### LICENSED PREMISES, CLUBS, ETC.

Thirty-five inspections were carried out at licensed premises and clubs.

### CINEMAS AND PUBLIC HALLS

Twenty-two inspections were made in respect of heating, lighting, ventilation and sanitary accommodation. Three informal notices were served and complied with.

### OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

457 inspections were made and forty-nine informal notices served for infringements.

Quarterly returns for the above and notification of accidents are forwarded to the Factories Inspector.

### ANIMAL BOARDING ESTABLISHMENTS

Regular visits were made to the premises licensed in the area.

### RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 308 manholes baited, 102 gave evidence of rat infestation:—

No. of Manholes Baited	..	..	..	308
No. of Manholes Baited showing part takes of poison bait	..	..	..	101
No. of Manholes Baited showing complete takes of poison bait	..	..	..	1

During the year inspection of 731 non-agricultural properties revealed rat infestation in 505 instances and mice infestation in 119. Of the 141 agricultural properties inspected, 21 were treated for rat infestation and 6 for mice.

**MINISTRY OF AGRICULTURE, FISHERIES AND FOOD**  
**ANNUAL REPORT ON RATS AND MICE**

**Prevention of damage by Pests Act, 1949**

YEAR ENDED 31st DECEMBER, 1967

**EASINGTON RURAL DISTRICT COUNCIL**

**PROPERTIES  
OTHER THAN SEWERS**

1. Number of properties in district
2. a Total number of properties (including nearby premises) inspected following notification
  - b Number infested by (i) Rats
  - Number infested by (ii) Mice
3. a Total number of properties inspected for rats and/or mice for reasons other than notification
  - b Number infested by (i) Rats
  - Number infested by (ii) Mice

	<b>TYPE OF PROPERTY</b>	
	<b>NON- AGRICULTURAL</b>	<b>AGRICULTURAL</b>
1.	33191	330
2. a	670	3
b	501	3
Number infested by (ii) Mice	118	1
3. a	61	138
b	4	18
Number infested by (ii) Mice	1	5

**SEWERS**

4. Were any sewers infested by rats during the year?

<b>YES</b>	<b>NO</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

(tick as appropriate)

## HOUSING

A recommendation of the O. & M. Report, which was agreed by the Council, reduced the number of inspections of Council houses to 331. Colliery property in some villages, however, is still inspected.

139 visits were made in respect of overcrowding conditions and the facts reported to the persons concerned.

During the year a survey of all habitable properties in the district was made. A schedule prepared shows the estimated "length of life" of the houses.

## INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1936-64.

Number of visits and re-visits .. ..	2100
Number of informal notices served ..	63
Number of statutory notices served ..	3
Number of notices complied with ..	61

## FACTORIES ACT, 1961

During the year 210 inspections of premises subject to the provisions of the above Act were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of overcrowding in workrooms.

Four informal notices and one formal notice to remedy defects were served, with satisfactory results in six cases.

## FACTORIES ACT 1961

**PART I OF THE ACT.**

1.—INSPECTIONS for purposes of provisions as to health  
(including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. .. ..	67	162	3	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .. .. ..	118	89	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	36	—	—	—
TOTAL .. .. ..	221	251	4	—

## 2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found			Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	
Want of cleanliness (S.1) .. .	21	1	—	—
Overcrowding (S.2) .. .	—	—	—	—
Unreasonable temperature (S.3) .. .	—	—	—	—
Inadequate ventilation (S.4) .. .	3	4	—	—
Ineffective drainage of floors (S.6) .. .	1	1	—	—
Sanitary Conveniences (S.7)				
(a) Insufficient .. .	6	6	—	6
(b) Unsuitable or defective .. .	5	5	—	—
(c) Not separate for sexes .. .	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	1	1	—	1
<b>TOTAL</b> .. .	<b>37</b>	<b>18</b>	<b>—</b>	<b>7</b>

**PART VIII OF THE ACT**

**OUTWORK**

(Sections 133 and 134)

Nature of Work	Section 133		Section 134	
	No. of out-workers in August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)
Carding, etc. of buttons, etc.	8	—	—	—

## SUPERVISION OF FOOD SUPPLIES

### INSPECTION OF MEAT AND OTHER FOODS

#### MEAT

Private Slaughtering at the nine licensed slaughterhouses in the district proceeded smoothly.

Perusal of the following tables will show that 20,130 animals have been slaughtered, all of which were inspected, and that 2,385 stones of meat and edible offal were condemned. Part of this was collected by a recognised salvage firm from the Cleansing Department at Murton and some disposed of by incineration.

Charges for inspection of carcases passed for human consumption are still being made. A total of £1,111 was received for this service during the year.

#### OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of traders' claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 278 stones of other foods were condemned, an increase of 15 stones on the figure of 263 for the year 1966.

**Carcases, Organs and Offal condemned as being unfit for Human Consumption during the year 1967.**

	Carcases, etc.				Lungs (Sets)			Hearts			Kidneys			Livers			Heads and Tongues			Sets Stomachs and Intestines			Fat			Udders			Spleen												
	Beef	Veal	Mutton	Pork	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig										
Abscesses .. . . . .				2							2		2	150					5			2		2				2		2											
Actinobacillosis .. . . .																		12																							
Actinomyeositis .. . . .																		2																							
Ascariasis .. . . .																		2																							
Bruising & Injury .. . . .								1										1												1		1									
Cirrhosis .. . . .																		1005 + 441 Part Livers	245																						
Contamination .. . . .																			1																						
Corynebacterium .. . . .																			10																						
Cystic Conditions .. . . .								214																																	
Cysticercus Bovis .. . . .	1								1			15						1			17										1										
Decomposition .. . . .	1								1			1						1			1											1									
Distomatosis .. . . .																		335																							
Hydronephrosis .. . . .																		3																							
Insufficient Bleeding .. . . .								1										1			1										1		1								
Mastitis .. . . .																			1			1																			
Nephritis .. . . .																		2																							
Parasites .. . . .																		4																							
Pericarditis .. . . .																		24	2	68																					
Peritonitis .. . . .																																	1								
Pleurisy .. . . .								1	79																										2	2					
Pneumonia .. . . .									40	26	145																							60	104						
Pyrexia .. . . .									4										2																	2	2				
Pyaemia .. . . .									2									2																		2	2				
Septic Conditions .. . . .								1	11									1	11															1	11	1	11				
Splenitis .. . . .																			3																	1					
Telangiectasis .. . . .																																									
Tuberculosis .. . . .																				16																					
Uraemia .. . . .									1												1																			1	

## MEAT SURRENDERED FOR OTHER REASONS

	sts.	lbs.
Beef .. . . . .	43	8
Pork .. . . . .	28	3
Mutton .. . . . .	7	7



	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number Slaughtered . . . . .	4953	21	5	10,578	4573
Whole Carcasses condemned . . . (T.B. only) . . . . .	—	—	—	—	—
Carcasses of which some part or organ condemned (T.B. only) . . . . .	—	—	—	—	16
Percentage of number inspected affected with T.B. . . . .	—	—	—	—	.34%
Carcasses condemned (All diseases and conditions excluding T.B.) . . . . .	2	—	2	22	
Carcasses of which some part or organ condemned. (All diseases and conditions excluding T.B.) . . . . .	2026	—	440	700	
Percentage of number inspected affected with disease or condition other than T.B. . . . .	40.73%	—	4.15%	—	15.31%

7 Bovine Carcasses and Offal affected with *Cysticercus Bovis* assigned to Cold Store.

**Provisions, Fish, etc. Condemned as being unfit for Human Consumption during the year 1967**

Cause of Unfitness	Provisions, Loose	Tinned Foods		Fish and Fish Products sts. lbs.
		sts.	lbs.	
Decomposition	Bacon and Ham Cereals, etc. Chickens (Frozen) Turkey	17	5 5 1 1	6 10 6 12
	Flour	20	0	
	Lettuce	63	0	
	Decomposition due to Blown and Damaged Tins			28 Tins Fish Products 1 12½ 633 Tins Fruit 48 10¾ 419 Tins Meat Products 55 8¾ 115 Tins Milk 7 1½ 2 Tins Preserves 2 39 Tins Sundries 6 6 529 Tins Vegetables 34 5¼
	Decomposition			Fish Fillets 14 8

Total weight of Meat and Edible Offal condemned	.. .. .. ..	2,385	sts. 12 lbs.
Total weight of Tinned Foods, etc. condemned	.. .. .. ..	278	sts. $3\frac{3}{4}$ lbs.
			<hr/>
	Total Weight ..	2,664	sts. $1\frac{3}{4}$ lbs.
			<hr/>
	= 16 Tons 13 cwts. 0 st. $1\frac{3}{4}$ lbs.		

Year ending 31st December	Weight of Meat and Other Foods Condemned			
	tons	cwts.	sts.	lbs.
1958	.. .. .. ..	22	19	0 $7\frac{1}{4}$
1959	.. .. .. ..	21	5	1 $12\frac{1}{4}$
1960	.. .. .. ..	17	15	6 $8\frac{1}{4}$
1961	.. .. .. ..	18	15	6 $13\frac{3}{4}$
1962	.. .. .. ..	16	11	4 $1\frac{1}{4}$
1963	.. .. .. ..	14	13	7 $9\frac{1}{4}$
1964	.. .. .. ..	16	12	2 9
1965	.. .. .. ..	11	3	5 $6\frac{3}{4}$
1966	.. .. .. ..	14	16	2 $11\frac{3}{4}$
1967	.. .. .. ..	16	13	0 $1\frac{3}{4}$

#### PUBLIC HEALTH (MEAT) REGULATIONS

In general the conveyances used for the transport of meat to the retail premises in the district were kept clean and well maintained. On three occasions a reminder was given on the absence or condition of the protective clothing.

#### SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackers yard was 36. This figure included four new licences issued during the year.

#### FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared or stored for purposes of sale. Wherever it has been felt necessary, district public health inspectors have urged traders to provide refrigeration equipment.

The types of food premises registered, visited and subject to informal action during the year are detailed in the following table:—

Premises	Number Registered	Number of Inspections	Notices Served	Notices Complied With
Fish Shops	54	31	2	2
Butchers' Shops	62	80	6	3
Ice Cream Shops	203	137	—	—
Restaurants, etc.	Nil.	57	4	3
Other Food Prem.	Nil.	2287	1	1
<b>TOTALS</b>	<b>319</b>	<b>2592</b>	<b>13</b>	<b>9</b>

Ice-cream samples numbering 94 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All ice-cream samples attaining grades one and two are regarded as satisfactory. The high standard in the district is still being maintained.

Year	No. of samples taken	No. satisfactory	Percentage satisfactory
1961	113	111	98%
1962	122	114	93%
1963	118	114	98%
1964	102	97	95%
1965	97	96	99%
1966	98	96	98%
1967	94	84	85%

(All samples submitted to Methylene Blue Reduction Test)

Appropriate action has been taken under the Food Hygiene Regulations of the Act requiring occupiers of food premises to conform to the standards laid down.

ICE CREAM SAMPLING—YEAR 1967.

District	Methylene Blue						%
	1	%	2	%	3	%	
Blackhall Colliery	3	100.0	—	—	—	—	—
Dalton-le-Dale	2	33.3	1	16.7	—	—	3
Easington Colliery	19	100.0	—	—	—	—	—
Horden	11	78.2	—	—	3	21.8	—
Murton	8	100.0	—	—	—	—	—
Peterlee	1	100.0	—	—	—	—	—
South Hetton	6	100.0	—	—	—	—	—
Station Town	7	100.0	—	—	—	—	—
Thornley	9	100.0	—	—	—	—	—
Wheatley Hill	10	100.0	—	—	—	—	—
Wingate	7	63.6	—	—	2	18.2	2
Totals .. ..	83	88.3	1	1.1	5	5.3	5.3

Total Methylene Blue Samples .. .. .. .. ..

94

## MILK SAMPLING.

119 samples of raw and heat treated milk were taken for examination during 1967, with the following results:—

No. of Samples Taken	Untreated Milk	Pasteurised Milk	Sterilised Milk	Ultra-heat Treated Milk	Methylene Blue Test		Phosphatase Test		Turbidity Test		% Unsatisfactory	
					Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory
	15	15	—	—	—	—	—	—	—	—	—	—
		90	90	—	—	—	—	—	—	—	—	—
			14	—	—	—	—	—	—	—	—	14
				—	—	—	—	—	—	—	—	—

## MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 119 consisting of 15 samples of raw milk which were tested for keeping quality and cleanliness, and 104 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

During the course of the year 83 inspections of distributors' premises were made.

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## HOUSING AND SEWERAGE

(CONTRIBUTED BY THE ENGINEER AND SURVEYOR)

### HOUSING

The construction of new houses to accommodate families from slum clearance areas in the Council's district has continued during the year and a total of 233 houses have been completed and occupied.

Allowing for the demolition of prefabricated dwellings, etc., this brings the total number of houses owned by the Council to 8,478.

### HOUSING MAINTENANCE

During the course of the year, 30,669 general repairs were completed to the 8,478 Council houses, at a cost of £168,500.

Repairs included roofs, chimneys, brickwork, paths, ceilings, fireplaces, doors, windows, fences, taps, burst pipes, spouts, gutters, etc.

### IMPROVEMENT PROGRAMMES

*1922 Scheme*—Approval was granted for minor improvements to a further 20 houses under this scheme. During the year a further 98 houses had improvements done to them, bringing the total completed to date to 278.

*Installation of Central Heating in Special Purpose Dwellings*—During the year central heating was installed in 67 special purpose dwellings.

*Improvements to Houses, Type A.31/A.30*—In October work commenced on a scheme of major improvements to 342 pre-1939 two-bedroomed houses. Improvements include the erection of an outbuilding to the rear containing bathroom and lobby, enlargement of the kitchen, replacement of the existing combination range by a Nu-View open fire, and the provision of complete central heating. During the year 9 houses have been completed and work is continuing.

### SEWERAGE

General repairs to all Council public sewers have been carried out during the year including the clearance of some 1,200 stoppages.

### DALTON-LE-DALE

Mining subsidence continues in the Dene Road area of Dalton-le-Dale. The diversion of the road was completed and opened to the

public, but after two months, subsidence again took place when it was necessary to close the road for a further four weeks. In the meantime the Council's sewerage system was diverted and fitted with new expansion joint units, and the diversion of the stream has been completed.

#### HASWELL MOOR

A report of pollution of the field behind the 'Pemberton Arms' at Haswell Moor revealed several fractured pipes on the Haswell to the Sea Sewer. A diversion of a length of the sewer consisting of some 400 yards and the construction of three manholes, rectified the situation. However, a survey of the sewer through Pesspool Wood has revealed two flat sections which will require to be relaid. The cost of this work will be called for in next year's Annual Estimates.

#### 'BUS SHELTERS

A further 13 new 'bus shelters were erected during the year making a district total of 210. Vandalism repair costs rose to double that of the previous year.

#### PUBLIC CONVENIENCES

One other convenience was erected during the year at Hesleden which replaced the derelict one which was demolished. The total for the district, including Crimdon Park, is 43. During the year the new Peterlee Town Centre Conveniences were opened to the public.

Vandalism is still rampant and was the cause of three more public conveniences being closed for a period of three months. Repair costs have risen to more than double the previous year.

## PUBLIC CLEANSING

(CONTRIBUTED BY THE CLEANSING SUPERINTENDENT)

### COLLECTION OF HOUSEHOLD REFUSE

The work of the department has been satisfactorily carried out during the year and all complaints have received immediate attention. Most of the district, except for outlying farms, receiving a twice weekly collection. From 33,521 houses, and other buildings and dwellings in the district 2,666,715 collections were made. This represents an average of 51,283 collections weekly. Twenty-three vehicles travelled 240,920 miles using 45,814 gallons of petrol and 2,578 gallons of Diesel.

### DISPOSAL AREAS

There is no tipping space in the Horden, Blackhall, Easington and Shotton areas. All refuse from these areas is being disposed of at the Durham Road refuse tip at Wheatley Hill. Although occasional fires occurred, no great expense has been necessary to abate this nuisance.

### DUST BINS

During the year 471 private dust bins have been sold, 499 supplied to Council House tenants, and 200 supplied to Crimdon Park.

### PUBLIC CONVENIENCES

Conveniences in the district are cleansed daily and bus shelters receive regular attention by this department.

### TRADE REFUSE

Trade refuse is collected during normal rounds and quarterly accounts submitted. The charge of 7d. per bin or its equivalent is in relation to the number of bins or quantity. The revenue from this service was £1,769.

### SALVAGE

141 tons of waste paper was sold to the Thames Board Paper Mills for £1,274. Other materials salvaged included 17 tons of other scrap materials. The total salvage revenue amounting to £1,380.

May I take this opportunity of thanking all Officials and Staff for their help and co-operation during the year.







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**William Barlow & Son, Ltd.,**  
**Hartlepool and London**

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